11/1/79

Hold File

To: Arcadian
Robert Fabris, Head Folder Stapler, Mutilator, etc. etc.
3626 Monnie Dr.
San Jose, Calif 95127

From: Don H. Kugler, Baffelled Bally operator
760 Pinewood
Pocatello, Idaho 83201

Hi Bob,

I've just finished going over the Arcadian From Nov 6, 78 to Aug 18, 79. I'm really impress with the information you have been assembling and putting out. I would like to get copies of any Arcadians since the Aug 18 issue and would like to be put on your mailing list. Please let me know what is needed (dollars, blood, pounds of flesh or whatever) and I'll see what I can do about sending it to you. I'm also enclosing a check ~~of~~ for $2.00 for the ~~software~~ Executive Software Data and and the Service Manual Data PA-1. I work at AMI in Pocatello where 3 of the Major chips for the Bally system were manufactured, but it sounds like you have been ~~gett~~ having better luck at getting into on the system than I have.

I have a Bally Model # BPA1100 SR #18746
I beleive you asked for that info in an
earlier issue of the Arcadian.

I have an inexpensive ASCII keyboard
that I am attempting to interface to the
Bally but so far it's looking very
foreboading. I'm taking some Microprosessor
courses At Idaho State University and
trying to dig up as much information about
how the Bally system works.
In other words I'm getting thoughly
Addicted to the thing.

From what I understand Any extra memory,
interface or what have you that is going
to be added will deffinatelly need its own
power supply because the supply with the
system is being run to the limits.

Have you had any trouble with the
pots in the hand controlls. ~~Mine the~~
The output from mine seems to be
irregular. The count is very rough &
when using them to move paddles etc.
in games they are very jerky & irregular
on the CRT. Has anybody had similar

problems ~~of~~ or found ways of improving the way they work.

Sorry I don't have anything to offer but questions. If I come up with any info I will pass it on.

Once again I think the Arcadian is great & am looking forward to being a subscriber.

Don H. Taylor

Jan 21 81

Dear Bob: Kuglov

Thanks for the Schematic. The Blue Ram deal is fine with me. I'm very Anxious to get it tied into the system. I've got an ASCII Keyboard tied to the cassette interface now so programming is getting easier. What are the chances of tossing in a Blue Ram Operating System (1.0) with it? If not let me know & I'll get some #'s to you for it.

AMI is building Chip set's for the system again but are not currently shipp to Astrovision. Apparently they are buying through Kelly until credit is Established with AMI. They have Stopped Shipping 1447's & 1626's apparently Our test isn't catching some some sort of failure mode in 1447's & they are working on the temp. problem with the 1626's. Apparently some of the 1626's are failing more often at higher temp. So they are working on Modifing the test to catch those guys. Looks like we might be building some ROM's for Astrovision. Don't know if they will be games or Op. system for Add on. More on that when I find out.

One of the Engineers at work has been playing with the magic Reg & having good luck with it. So far he's been using the or, xor, shift,

& Flop commands with good luck. Hasn't been able to get expand or Rotate to work yet but says Rotate should work even in the home games with the 1626's & Apparently the 1449's would only allow Rotate to work with the commercial version of the game.) He is very interested in expanding memory in the system because his Assembly language experiments are getting ripped out by the screen graphics. He's talking about building a better 'Space invaders' or something similar when he gets enough memory Added on to work with.

The parts you received were all tested & should be ok. If you should have any problems with the 1626's & failure after the heat up let me know & I'll send you some more of them. I don't think you'll have any problems but if you do - let me know.

Thats it for now.

Don

[Emily: Freeman] TOM

Kugler

Hi Bob:

Enclosed is check for $12.30 for Next Batch of Accedians. Did you forget my Service Manual and Software description that I ordered & paid for last year. If you can't get any more of them how about letting me borrow yours so I can copy them. If you don't have any extra copies I'd sure like to copy yours or something. I'd get them right back to you.

Finally been able to get a few of the Parts that A&I builds for spares. I have 3ea. 1449's, 3ea 1448's and about a dozen 1626's (the new Real date chip). If you have any broken boards that need these parts let me know and I'll send the parts you need.

Also If your into building, Klooping or what have you - let me know. I have a BUNCH of Eproms that were burned incorrectly - I've reworked & Tested them and they are Just Fine. They are 5204's, ~~256~~ 512 x 8 only one difference - The ~~read~~ read/write line function is backwards to ~~what~~ what the specs. say it should be on these. The pin out is the same

I also have a Few 5101L1's (256 x 4 Static RAM). Also have about a dozen 6847 Video Display Generators That an engineer gave Me. All devices have been tested and are good. If you want to try some of them Let me know.

What are the possibilities of getting a copy of the schematic & software on the Blue RAM. I'd Like to try to build one with the Ram & E Proms that I've got here.

Keep up the good work on the Arcadian. Nobody at work seams to be to interested in the Bally so the Arcadian is the only source of good info I have.

Thanks Again.

Don Kugler

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